



B. J. VANIJYA MAHAVIDYALAYA

(Autonomous)

(Grant-in-Aid)

(Affiliated to Sardar Patel University)

Vallabh Vidyanagar- 388 120, Dist. Anand, Gujarat, India

Accredited with CGPA of 2.78 on four-point scale at B++ Grade by NAAC

Syllabus as per the NEP 2020 with effect from June – 2026

Bachelor of Commerce (B. Com.)

Semester – I

Course Code	UBB1SEEST01	Title of the Course	Environmental Studies
Total Credits of the Course	02	Hours per week	02

Course Learning Outcomes: Having completed this course, the students will be able to	
CLO 1	Identify and classify different types of environmental pollution such as air, water, soil, marine, and noise pollution.
CLO 2	Examine the relationship between environment and human health, including major water-related diseases.

Course Content			
Unit No.	Description	Weightage (%)	CLO(s)
1.	Environmental Pollution • Causes, Effects and Measures to control • Air pollution • Water pollution • Soil Pollution • Marine pollution • Noise pollution	25%	CLO 1
2.	Human Population and the Environment • Trends of Population growth in India • Population explosion and the environment, Population policy • Effects Urbanization on the Environment • Environment and Human Health • Water related diseases • Major people's Movements for the conservation of air, water, land and forests after independence	25%	CLO 2

Teaching-Learning Methodology	The course would be taught /learnt through ICT (e.g. Power Point Presentation, Audio-Visual Presentation), Lectures, Group Discussions, Quizzes, Assignments, Case Study and Browsing E- Resources.
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Internal and External Examination Evaluation

Sr. No.	Details of the Evaluation / Exam Pattern	25 Marks (%)
1	Class Test (at least one)	10 (40%)
2	Quiz (at least one)	05 (20%)
3	Active Learning	---
4	Home Assignment	05 (20%)
5	Class Assignment	---
6	Attendance	05 (20%)
Total Internal (%)		25 (100%)
Final Examination		25 (100%)

Notes:

- ❖ Multiple Choice Questions will be based on Bloom's Taxonomy Level 1 & 2.
- ❖ Class test and written examination questions will be based on various levels of Bloom's Taxonomy.

CLO-PLO Matrix (Course Learning Outcomes-Programme Learning Outcomes)

CLO	PLO										
	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11
CLO 1	1	1	1	---	1	2	2	---	1	1	3
CLO 2	1	1	2	---	1	3	3	---	1	1	3

(Scale: 3: Strong, 2: Moderate, 1: Low, ---: No Correlation)

Suggested Learning Material Books:

Sr. No.	Title	Author(s)	Year / Edition	Publisher
1	Environmental Studies	B. K. Bhatt, M. C. Patel & T. G. Gohil	N.D.	Popular Publication
2	Environmental Studies	S. K. Dhameja	N.D.	S. K. Kataria & Sons
3	Introduction to Environmental Studies	C. K. Sharma	N.D. Revised Edition	Vrinda Publications Pvt. Ltd.
4	Environmental Science	G. Tyler Miller Jr.	1997 6th Edition	Wadsworth Publishing
5	Global Environmental Challenges: Transitions to a Sustainable World	James Gustave Speth	N.D. 1st Edition	Orient Longman
6	Textbook of Environmental Studies for Undergraduate Courses	Erach Bharucha	2021 3rd Edition	Universities Press (India) Pvt. Ltd.

Online Resources (Open Sources)

Sr. No.	Description of Resource	Web Link
1	INFLIBNET e-PG Pathshala – Learning resource on Environmental Pollution covering sources, types, impacts, and control measures	https://ebooks.inflibnet.ac.in/geop08/chapter/environmental-pollution/
2	eGyanKosh (IGNOU) – Study material on Environmental Studies and related environmental concepts	https://egyankosh.ac.in/bitstream/123456789/16265/1/Unit-15.pdf